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(54) MATERIAL OF Sm-Fe KINGDOM PERMANENT MAGNET FOR RESIN MAGNET, AND ITS MANUFACTURE METHOD

(57) Abstract:

In the material of a permanent magnet for a resin magnet, the material of the Sm-Fe kingdom permanent magnet is characterized by a chemical formula for a chemical compound of $\text{SmFe}_{7+x}\text{M}_x$, wherein m indicates more a first-class or a second-class selected among Mo, V, Nb and Ti and x represents a composition range between 0.2 and 2.0, thereby effectuating a use of permanent magnet's powder material for a resin magnet since it may be practically used by a prominent magnetic characteristic and a low cost.

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